PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001011965	A1	20010222	WO 2000-EP8143	20000809
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
BR 2000013371	A	20020507	BR 2000-13371	20000809
EP 1204323	A1	20020515	EP 2000-960499	20000809
EP 1204323	B1	20040714		
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JP 2003506465	T	20030218	JP 2001-516328	20000809
AT 270817	T	20040715	AT 2000-960499	20000809
PT 1204323	T	20041130	PT 2000-960499	20000809
ES 2220533	T3	20041216	ES 2000-960499	20000809
IN 2002MN00092	A	20050318	IN 2002-MN92	20020125
MX 2002PA01453	A	20030128	MX 2002-PA1453	20020211
US 6821992	B1	20041123	US 2002-49976	20020709
PRIORITY APPLN. INFO.:			GB 1999-19499 A	19990818
			GB 1999-19500 A	19990818
			WO 2000-EP8143 W	20000809

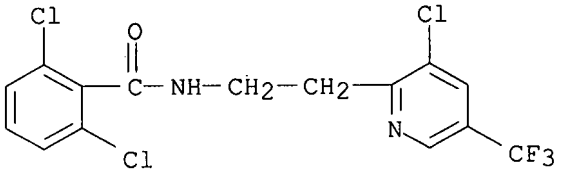
OTHER SOURCE(S): MARPAT 134:174246

AB The pyridine derivs. A1CR1R2LA2 [A1 = (un)substituted 2-pyridyl or its N-oxide; Y = LA2 or L1A3; A2, A3 = (un)substituted carbocyclyl or heterocyclyl; L = NR5C(:X)NR6, NR5C(:X)CHR3, CHR3NR5CHR4, etc.; L1 = NR9C(:X)X1CHR7, NR9C(:X)CHR7CHR8, etc.; R1-9 = CN, NO2, halo, etc.] are prepared as agrochem. fungicides.

IT 326816-35-7P
RL: AGR (Agricultural use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation as fungicide)

RN 326816-35-7 HCAPLUS

CN Benzamide, 2,6-dichloro-N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]- (9CI) (CA INDEX NAME)



NO

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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(FILE 'HOME' ENTERED AT 23:14:37 ON 12 SEP 2007)

FILE 'REGISTRY' ENTERED AT 23:15:34 ON 12 SEP 2007
L1 STRUCTURE UPLOADED

Updated Search

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     FILE 'HCAPLUS' ENTERED AT 23:23:24 ON 12 SEP 2007
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L5           73 S L3 NOT L4
L6            1 S L5 AND COOKE, T?/AU

=> s l5 not l6
L7           72 L5 NOT L6

=> s l7 and thomas, p?/au
          3641 THOMAS, P?/AU
L8            0 L7 AND THOMAS, P?/AU

=> s l7 and coqueron, p?/au
            30 COQUERON, P?/AU
L9            2 L7 AND COQUERON, P?/AU

=> d l9, ibib abs hitstr, 1-2

L9   ANSWER 1 OF 2  HCAPLUS  COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER:         2006:634725  HCAPLUS
DOCUMENT NUMBER:          145:103571
TITLE:                    Process for the preparation of 2-
                          pyridylethylcarboxamide derivatives
INVENTOR(S):              Lhermitte, Frederic; Coqueron, Pierre-Yves;
                          Desbordes, Philippe; Himmler, Thomas
PATENT ASSIGNEE(S):       Bayer Cropscience S. A., Fr.
SOURCE:                   PCT Int. Appl., 37 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.            KIND   DATE        APPLICATION NO.          DATE
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     WO 2006067103          A2    20060629    WO 2005-EP56895          20051219
     WO 2006067103          A3    20061116
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
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             GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
             KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
             MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
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             CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
             GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
     IN 2007DN03483         A     20070831    IN 2007-DN3483           20070510
PRIORITY APPLN. INFO.:                        EP 2004-356203       A   20041221
                                              WO 2005-EP56895      W   20051219
OTHER SOURCE(S):          CASREACT 145:103571; MARPAT 145:103571
AB   N-[2-(2-pyridyl)ethyl]carboxamide derivs. 2-pyridyl-CH2CHR1NR2CO-A [the
     pyridyl ring may be substituted; R1 is H, alkyl, haloalkyl, or
     alkoxycarbonyl; R2 is H or cyclopropyl; A is (un)substituted Ph or
     non-fused heterocyclyl] were prepared by treating 2-pyridyl-CHR3CO2-Alk (R3
     is H or CO2-Alk, where Alk is alkyl) with AcOCHR1NR2CO-A, followed by
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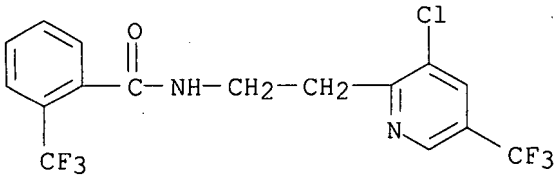
Updated Search

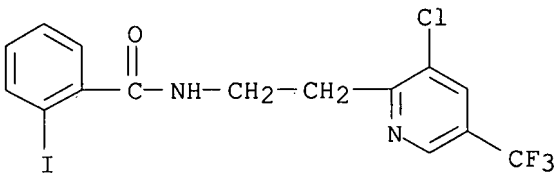
decarboxylation. Thus, treatment of di-Et 3-chloro-5-(trifluoromethyl)-2-pyridylmalonate (I) with N-acetoxy-2-(trifluoromethyl)benzamide (II) in THF containing NaH and decarboxylation (32% HCl/KCl/NMP) afforded N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridyl]ethyl]-2-(trifluoromethyl)benzamide. Reactant I was prepared by reaction of 2,3-dichloro-5-(trifluoromethyl)pyridine with di-Et malonate and reactant II was prepared from 2-(trifluoromethyl)benzoyl chloride by amidation, hydroxymethylation with formaldehyde, and acetylation.

IT 658066-35-4P 659743-90-5P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of pyridylethylcarboxamide derivs.)

RN 658066-35-4 HCAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-(trifluoromethyl)- (CA INDEX NAME)



RN 659743-90-5 HCAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-iodo- (9CI) (CA INDEX NAME)



L9 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2006:630587 HCAPLUS
DOCUMENT NUMBER: 145:83234
TITLE: Process for the preparation of 2-(2-aminoethyl)pyridine derivatives
INVENTOR(S): Coqueron, Pierre-Yves; Lhermitte, Frederic; Perrin-Janet, Gilles; Dufour, Paul
PATENT ASSIGNEE(S): Bayer Cropscience S.A., Fr.
SOURCE: Eur. Pat. Appl., 24 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1674455	A1	20060628	EP 2004-356202	20041221
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU				
WO 2006067106	A1	20060629	WO 2005-EP56900	20051219
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,				

Updated Search

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KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
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VN, YU, ZA, ZM, ZW
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CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM

IN 2007DN03498 A 20070831 IN 2007-DN3498 20070510
PRIORITY APPLN. INFO.: EP 2004-356202 A 20041221
WO 2005-EP56900 W 20051219
OTHER SOURCE(S): CASREACT 145:83234; MARPAT 145:83234
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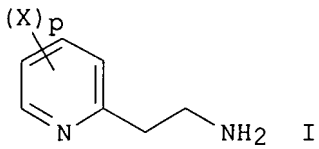

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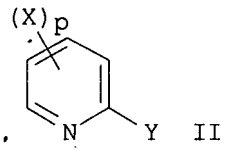

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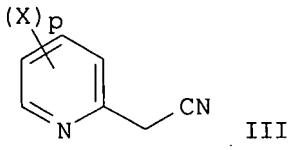

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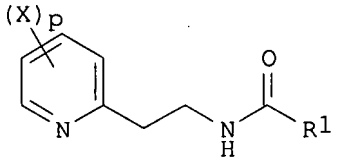
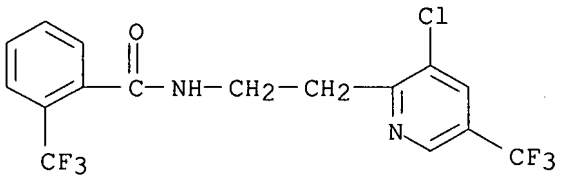


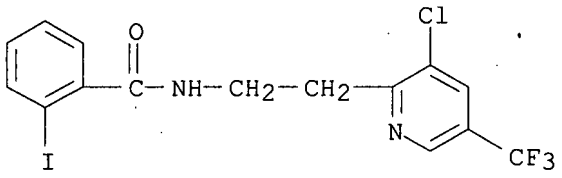
IV

AB 2-(2-Aminoethyl)pyridine derivs. [I; X = H, halogen, nitro, HO, (un)substituted NH2, (un)substituted alkyl CO2H , (un)substituted sulfanyl, (un)substituted carbamoyl, alkenyl, alkynyl, (un)substituted alkoxy, etc.; p = 1-4; e.g., 3-chloro-5-(trifluoromethyl)-2-(2-aminoethyl)pyridine] are prepared in high yield and selectivity by the cyanomethylation of a 2-halopoyridine derivative [II; Y = halogen; e.g., 2,3-dichloro-5-(trifluoromethyl)pyridine] with an alkyl cycanoacetate RO2CCH2CN (R = alkyl; e.g., Et cyanoacetate) to give a 2-(cyanomethyl)pyridine derivative [III; e.g., 3-chloro-5-(trifluoromethyl)-2-(2-cyanomethyl)pyridine] which is then catalytically hydrogenated into the and amidated with an alkanoic acid derivative R1COR2 (R1 = alkyl; R2 = halogen, O2CR3; R3 = alkyl; e.g., acetic anhydride) to give the pyridine amide derivative [IV; e.g., 3-chloro-5-(trifluoromethyl)-2-(2-acetylaminoethyl)pyridine] which is then subjected to acid (e.g., HCl) hydrolysis in water at 20° to reflux temperature
IT 658066-35-4P, N-[2-[3-Chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-trifluoromethylbenzamide 659743-90-5P, N-[2-[3-Chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-iodobenzamide
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(in process for preparation of 2-(2-aminoethyl)pyridine derivs.)
RN 658066-35-4 HCAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-(trifluoromethyl)- (CA INDEX NAME)

Updated Search



RN 659743-90-5 HCAPLUS
CN Benzamide, N-[2-[3-chloro-5-(trifluoromethyl)-2-pyridinyl]ethyl]-2-iodo-
(9CI) (CA INDEX NAME)



REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L2 426 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 23:23:24 ON 12 SEP 2007
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L4 2 S L3 AND MANSFIELD, D?/AU
L5 73 S L3 NOT L4
L6 1 S L5 AND COOKE, T?/AU
L7 72 S L5 NOT L6
L8 0 S L7 AND THOMAS, P?/AU
L9 2 S L7 AND COQUERON, P?/AU

=> s l7 not l9
L10 70 L7 NOT L9

=> s l10 and vors, j?/au
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L11 0 L10 AND VORS, J?/AU

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116 BRIGGS, H?/AU
L12 0 L10 AND BRIGGS, H?/AU

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4 LACHAISE, H?/AU
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162 RIECK, H?/AU

Updated Search

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L15             0 L10 AND DESBORDES, P?/AU
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Updated Search